29 December 2000

ELSEVIER

Chemical Physics Letters 332 (2000) 626–635

CHEMICAL PHYSICS LETTERS

www.elsevier.nl/locate/cplett

Author Index to Volume 332

Achiba, Y., see Sen, R. 332 (2000) 467
Alonso, J.A., see Pis Diez, R. 332 (2000) 481
Alparone, A., see Millefiori, S. 332 (2000) 175
Alzetta, G., see Bernheim, R.A. 332 (2000) 1
Amo, Y. and Y. Tominaga, The Landau–Placzek ratio of water–alcohol binary mixtures 332 (2000) 521
Andrzejak, M. and P. Petelenz, Mesoscopic disorder in thin film spectra: absorption spectroscopy of sexithiophene 332 (2000) 435
Arakawa, H., see Zou, Z. 332 (2000) 271
Araki, Y., K. Maeda and H. Murai, Observation of two-spin controlling of a radical pair by pulsed irradiation of microwave monitored by absorption detected magnetic resonance 332 (2000) 515
Ardelean, I. and R. Kimmich, Erratum to "Demagnetizing field effects on the Hahn echo" [Chem. Phys. Lett. 320 (2000) 81] 332 (2000) 624
Armstrong, J., L. Degoricija, A. Hildebrand, J. Koehne and P.E. Fleming, The ionization energies of the isomers of CN_2 332 (2000) 591
Asano, T., see Yoshida, N. 332 (2000) 265
Ascenzi, D., see Rudić, S. 332 (2000) 487
Ataka, M., see Tachibana, M. 332 (2000) 259
Athayde-Filho, P.A.F., see Rakov, N. 332 (2000) 13

Babu, Y., see Bhide, M.K. 332 (2000) 98
Bagus, P.S., see Wöll, Ch. 332 (2000) 553
Balakrishnan, N., see Ramachandran, B. 332 (2000) 562
Belchior, J.C. and J.P. Braga, Calculation of three dimensional cross-sections for the Ar–N_2 system from two-dimensional coupled equations plus a three-dimensional boundary condition 332 (2000) 159
Bello, I., see Zhou, X.T. 332 (2000) 215
Bentley, J., B.J. Cotterell, A. Langham and R.J. Stickland, 2+1 resonance-enhanced multiphoton ionisation spectroscopy of the high v_2 levels of the $B^{\sim 1}E'$ Rydberg state of $NH_3(ND_3)$ 332 (2000) 85
Berg, L.-E., see Derkatch, A. 332 (2000) 278
Bernheim, R.A., J.H. Xu, F. Mango and G. Alzetta, Threshold energy for the photon-stimulated desorption of Rb atoms from polydimethylsiloxane films 332 (2000) 1
Bettinger, H.F. and G.E. Scuseria, The infrared vibrational spectra of the two major C_{84} isomers 332 (2000) 35
Bhanuprakash, K., see Vivekananda, S. 332 (2000) 251

0009-2614/00/$ - see front matter © 2000 Elsevier Science B.V. All rights reserved.
PII: S0009-2614(00)01405-6

29 December 2000

ELSEVIER

Chemical Physics Letters 332 (2000) 626–635

CHEMICAL PHYSICS LETTERS

www.elsevier.nl/locate/cplett

Author Index to Volume 332

Achiba, Y., see Sen, R. 332 (2000) 467
Alonso, J.A., see Pis Diez, R. 332 (2000) 481
Alparone, A., see Millefiori, S. 332 (2000) 175
Alzetta, G., see Bernheim, R.A. 332 (2000) 1
Amo, Y. and Y. Tominaga, The Landau–Placzek ratio of water–alcohol binary mixtures 332 (2000) 521
Andrzejak, M. and P. Petelenz, Mesoscopic disorder in thin film spectra: absorption spectroscopy of sexithiophene 332 (2000) 435
Arakawa, H., see Zou, Z. 332 (2000) 271
Araki, Y., K. Maeda and H. Murai, Observation of two-spin controlling of a radical pair by pulsed irradiation of microwave monitored by absorption detected magnetic resonance 332 (2000) 515
Ardelean, I. and R. Kimmich, Erratum to "Demagnetizing field effects on the Hahn echo" [Chem. Phys. Lett. 320 (2000) 81] 332 (2000) 624
Armstrong, J., L. Degoricija, A. Hildebrand, J. Koehne and P.E. Fleming, The ionization energies of the isomers of CN_2 332 (2000) 591
Asano, T., see Yoshida, N. 332 (2000) 265
Ascenzi, D., see Rudić, S. 332 (2000) 487
Ataka, M., see Tachibana, M. 332 (2000) 259
Athayde-Filho, P.A.F., see Rakov, N. 332 (2000) 13

Babu, Y., see Bhide, M.K. 332 (2000) 98
Bagus, P.S., see Wöll, Ch. 332 (2000) 553
Balakrishnan, N., see Ramachandran, B. 332 (2000) 562
Belchior, J.C. and J.P. Braga, Calculation of three dimensional cross-sections for the Ar–N_2 system from two-dimensional coupled equations plus a three-dimensional boundary condition 332 (2000) 159
Bello, I., see Zhou, X.T. 332 (2000) 215
Bentley, J., B.J. Cotterell, A. Langham and R.J. Stickland, 2+1 resonance-enhanced multiphoton ionisation spectroscopy of the high v_2 levels of the $B^{\sim 1}E'$ Rydberg state of $NH_3(ND_3)$ 332 (2000) 85
Berg, L.-E., see Derkatch, A. 332 (2000) 278
Bernheim, R.A., J.H. Xu, F. Mango and G. Alzetta, Threshold energy for the photon-stimulated desorption of Rb atoms from polydimethylsiloxane films 332 (2000) 1
Bettinger, H.F. and G.E. Scuseria, The infrared vibrational spectra of the two major C_{84} isomers 332 (2000) 35
Bhanuprakash, K., see Vivekananda, S. 332 (2000) 251

0009-2614/00/$ - see front matter © 2000 Elsevier Science B.V. All rights reserved.
PII: S0009-2614(00)01405-6

Bhide, M.K., R.M. Kadam, Y. Babu, V. Natarajan and M.D. Sastry, EPR and ENDOR studies of self(α)-irradiation effects in Pu(VI) oxalate: evidence for participation of 5f electrons of ^{239}Pu in chemical bonding with CO_2^- 332 (2000) 98
Bieske, E.J., see Wild, D.A. 332 (2000) 531
Bittererová, M., see Schinke, R. 332 (2000) 611
Böhm, M.C., J. Schulte and R. Ramırez, Nuclear quantum effects in calculated NMR shieldings of ethylene; a Feynman path integral – ab initio study 332 (2000) 117
Bourhill, G., see Goedert, R.V. 332 (2000) 225
Braga, J.P., see Rolim, F. 332 (2000) 139
Braga, J.P., see Belchior, J.C. 332 (2000) 159
Bursill, L.A., see Prawer, S. 332 (2000) 93

Cardenas, G., see Lima, C.A.S. 332 (2000) 428
Cheah, K.W., see Meng, J.X. 332 (2000) 313
Chen, D.-M., see He, T.-J. 332 (2000) 545
Chen, X., see Han, J. 332 (2000) 243
Chen, X., see Fang, L. 332 (2000) 299
Cheskis, S., see Lozovsky, V.A. 332 (2000) 508
Chipot, C. and F.J. Luque, Fast evaluation of induction energies: a second-order perturbation theory approach 332 (2000) 190
Churikov, V.M., M.-F. Hung, C.-C. Hsu, C.-W. Shiau and T.-Y. Luh, Encoding of macroscopic second-order non-linearity via all-optical polar alignment in substituted norbornene polymer thin films 332 (2000) 19
Clements, A.F., see Goedert, R.V. 332 (2000) 225
Cole, M.W., see Kostov, M.K. 332 (2000) 26
Cory, D.G., see Leu, G. 332 (2000) 344
Cotterell, B.J., see Bentley, J. 332 (2000) 85

da Rocha, G.B., see Rakov, N. 332 (2000) 13
Dalgarno, A., see Ramachandran, B. 332 (2000) 562
de Araújo, C.B., see Rakov, N. 332 (2000) 13
De Dominicis, L., see Fantoni, R. 332 (2000) 375
de Haas, M.P., see Wegewijs, B.R. 332 (2000) 79
De Panfilis, C., see Graham, R.G. 332 (2000) 319
de Petris, G. and A. Ricci, Experimental evidence for an asymmetric $Xe_2F_3^+$ ion in the gas-phase 332 (2000) 290
Degoricija, L., see Armstrong, J. 332 (2000) 591
Deka, R.Ch., R. Kinkar Roy and K. Hirao, Basicity of the framework oxygen atom of alkali and alkaline earth-exchanged zeolites: a hard–soft acid–base approach 332 (2000) 576
Dereń, P.J., W. Stręk, E. Zych and J. Drożdżyński, Up-conversion in elpasolite crystals doped with U^{3+} 332 (2000) 308
Derkatch, A., C. Lundevall, L.-E. Berg and P. Royen, Lifetime measurements of the A $^2\Pi$ state of BaCl using laser spectroscopy 332 (2000) 278
Devonshire, R., see Payne, D.S. 332 (2000) 58
Dicker, G., see Wegewijs, B.R. 332 (2000) 79
Diep, P., see Kostov, M.K. 332 (2000) 26
Drożdżyński, J., see Dereń, P.J. 332 (2000) 308

Ellis, A.M., see Greetham, G.M. 332 (2000) 303
Engdahl, A., see Nelander, B. 332 (2000) 403
Engel, V., see Ermoshin, V.A. 332 (2000) 110
Ermoshin, V.A. and V. Engel, Stochastic trajectory simulation of femtosecond pump–probe spectroscopy 332 (2000) 110

Fainberg, B.D., Absorption spectrum of intense chirped pulse by molecules in solution and the time evolution of vibrationally non-equilibrium populations 332 (2000) 181
Falk, K.J., see Shoute, L.C.T. 332 (2000) 359
Fang, L., X. Shen, X. Chen and J.R. Lombardi, Raman spectra of ruthenium and tantalum trimers in argon matrices 332 (2000) 299
Fantoni, R., M. Giorgi, L. De Dominicis and D.N. Kozlov, Collisional relaxation and internal energy redistribution in NO_2 investigated by means of laser-induced thermal grating technique 332 (2000) 375
Filatov, M. and S. Shaik, Artificial symmetry breaking in radicals is avoided by the use of the Ensemble-Referenced Kohn–Sham (REKS) method 332 (2000) 409
Fischer, B., see Walther, M. 332 (2000) 389
Fleming, P.E., E.P.F. Lee and T.G. Wright, The ionization energy and ΔH_f (0 K) of CP, PCP and PCCP 332 (2000) 199
Fleming, P.E., see Armstrong, J. 332 (2000) 591
Fowler, P.W., see Rogers, K.M. 332 (2000) 43
Frederick, J.H., see Nerukh, D. 332 (2000) 145
Fuji, T., T. Saito and T. Kobayashi, Dynamical observation of Duschinsky rotation by sub-5-fs real-time spectroscopy 332 (2000) 324
Futamata, M., Unique adsorbed state of 4,4′-BiPy and -$BiPyH_2^{2+}$ on Au(111) electrode 332 (2000) 421

García, A.A., see Wegewijs, B.R. 332 (2000) 79
Giorgi, M., see Fantoni, R. 332 (2000) 375
Goedert, R.V., T.A. Whittaker, A.F. Clements and G. Bourhill, Imaging the response of an organic nonlinear optical material 332 (2000) 225
Goh, S.H., see Jin, Z. 332 (2000) 461
Gómez, H., see Liu, Z. 332 (2000) 65
Gopinath, C.S., see Zaera, F. 332 (2000) 209
Graham, P., see Tzallas, P. 332 (2000) 236
Graham, R.G., W.M. Holmes, C. De Panfilis and K.J. Packer, Characterisation of locally anisotropic structures within isotropic porous solids using 2-D pulsed field gradient NMR 332 (2000) 319
Grätzel, M., see Yoshida, N. 332 (2000) 265
Greetham, G.M. and A.M. Ellis, The $\tilde{C}$–$\tilde{X}$ electronic spectrum of the SrNC free radical: a jet-cooled investigation 332 (2000) 303

Halabieh, R., see Sultan, R. 332 (2000) 331
Han, J., X. Chen and B.R. Weiner, Reaction dynamics of $O(^3P)+H_2(v=1)$ 332 (2000) 243
Hankin, S.M., see Tzallas, P. 332 (2000) 236
He, S.-G., see Lin, H. 332 (2000) 569
He, T.-J., D.-M. Chen, F.-C. Liu and L.-S. Sheng, The potential energy surface for the decomposition of CH_3OCl 332 (2000) 545
Helm, H., see Walther, M. 332 (2000) 389

Hildebrand, A., see Armstrong, J. 332 (2000) 591
Hirao, K., see Deka, R.Ch. 332 (2000) 576
Hirota, N., see Saga, N. 332 (2000) 496
Holmes, W.M., see Graham, R.G. 332 (2000) 319
Hsu, C.-C., see Churikov, V.M. 332 (2000) 19
Huang, L., see Jin, Z. 332 (2000) 461
Humphry-Baker, R., see Yoshida, N. 332 (2000) 265
Hung, M.-F., see Churikov, V.M. 332 (2000) 19
Hwang, D.W., see Sinha, A.K. 332 (2000) 455
Hwang, L.-P., see Sinha, A.K. 332 (2000) 455

Ichihashi, T., see Kokai, F. 332 (2000) 449
Iijima, S., see Kokai, F. 332 (2000) 449
Iimura, K.-i., see Ren, Y. 332 (2000) 339
Ikuyama, R., see Tachibana, M. 332 (2000) 259
Inaba, T., see Zhang, J.-P. 332 (2000) 351
Ishigaki, T., see Sen, R. 332 (2000) 467

Jamieson, D.N., see Prawer, S. 332 (2000) 93
Jepsen, P.U., see Walther, M. 332 (2000) 389
Ji, W., see Jin, Z. 332 (2000) 461
Jin, Z., L. Huang, S.H. Goh, G. Xu and W. Ji, Characterization and nonlinear optical properties of a poly(acrylic acid)–surfactant–multi-walled carbon nanotube complex 332 (2000) 461
Johnson, J.K., see Kostov, M.K. 332 (2000) 26

Kadam, R.M., see Bhide, M.K. 332 (2000) 98
Kanada, T., Y. Nishimura, I. Yamazaki and N. Ohta, Electric-field-induced enhancement of LE fluorescence in a linked compound of carbazole and terephthalic acid methyl ester in a PMMA polymer film 332 (2000) 442
Kasuya, D., see Kokai, F. 332 (2000) 449
Kasuya, D., see Sen, R. 332 (2000) 467
Kataura, H., see Sen, R. 332 (2000) 467
Kato, T., see Ren, Y. 332 (2000) 339
Kerp, H.R. and E.E. van Faassen, Effects of oxygen on exciton transport in zinc phthalocyanine layers 332 (2000) 5
Kimmich, R., see Ardelean, I. 332 (2000) 624
Kimura, Y., see Saga, N. 332 (2000) 496
Kinkar Roy, R., see Deka, R.Ch. 332 (2000) 576
Kishimoto, N., see Ohno, K. 332 (2000) 167
Kobayashi, K., see Lu, J. 332 (2000) 219
Kobayashi, T., see Fuji, T. 332 (2000) 324
Kobayashi, Y., see Tachibana, M. 332 (2000) 259
Koch, R., see Waldmann, O. 332 (2000) 73
Koehne, J., see Armstrong, J. 332 (2000) 591
Kojima, K., see Tachibana, M. 332 (2000) 259
Kokai, F., K. Takahashi, D. Kasuya, T. Ichihashi, M. Yudasaka and S. Iijima, Synthesis of single-wall carbon nanotubes by millisecond-pulsed CO_2 laser vaporization at room temperature 332 (2000) 449

Kosmidis, C., see Tzallas, P. 332 (2000) 236
Kostov, M.K., M.W. Cole, J.C. Lewis, P. Diep and J.K. Johnson, Many-body interactions among adsorbed atoms and molecules within carbon nanotubes and in free space 332 (2000) 26
Koyama, Y., see Zhang, J.-P. 332 (2000) 351
Kozlov, D.N., see Fantoni, R. 332 (2000) 375
Kuwajima, S. and A. Manabe, Computing the rotational viscosity of nematic liquid crystals by an atomistic molecular dynamics simulation 332 (2000) 105

Langham, A., see Bentley, J. 332 (2000) 85
Langley, A.J., see Tzallas, P. 332 (2000) 236
Latajka, Z., see Panek, J. 332 (2000) 617
Ledingham, K.W.D., see Tzallas, P. 332 (2000) 236
Lee, C.S., see Zhou, X.T. 332 (2000) 215
Lee, E.P.F., see Fleming, P.E. 332 (2000) 199
Lee, S.T., see Zhou, X.T. 332 (2000) 215
Leu, G., X.-W. Tang, S. Peled, W.E. Maas, S. Singer, D.G. Cory and P.N. Sen, Amplitude modulation and relaxation due to diffusion in NMR experiments with a rotating sample 332 (2000) 344
Lewis, J.C., see Kostov, M.K. 332 (2000) 26
Li, K.F., see Meng, J.X. 332 (2000) 313
Lima, C.A.S., M.B.S. Lima, R. Oliva, G. Cardenas and L.C.M. Miranda, Photoacoustic assessment of oscillations in water vapor desorption from nanostructured catalytic surfaces 332 (2000) 428
Lima, M.B.S., see Lima, C.A.S. 332 (2000) 428
Lin, H., L.-F. Yuan, S.-G. He and X.-G. Wang, Calculating relative intensities for CH stretching polyads of CHI_3 with ab initio dipole moment surface 332 (2000) 569
Liu, F.-C., see He, T.-J. 332 (2000) 545
Liu, Z., H. Gómez and D.M. Neumark, Photoelectron spectroscopy of clustered transition state precursors $IHI^- \cdot Ar$ and $BrHI^- \cdot Ar$ 332 (2000) 65
Loh, Z.M., see Wild, D.A. 332 (2000) 531
Lombardi, J.R., see Fang, L. 332 (2000) 299
Lozovsky, V.A. and S. Cheskis, Intracavity laser absorption spectroscopy study of HNO in hydrocarbon flames doped with N_2O 332 (2000) 508
Lu, J., X. Zhang and X. Zhao, Metal-cage hybridization in endohedral $La@C_{60}$, $Y@C_{60}$ and $Sc@C_{60}$ 332 (2000) 51
Lu, J., X. Zhang, X. Zhao, S. Nagase and K. Kobayashi, Strong metal-cage hybridization in endohedral $La@C_{82}$, $Y@C_{82}$ and $Sc@C_{82}$ 332 (2000) 219
Luh, T.-Y., see Churikov, V.M. 332 (2000) 19
Lundevall, C., see Derkatch, A. 332 (2000) 278
Luque, F.J., see Chipot, C. 332 (2000) 190

Müller, P., see Waldmann, O. 332 (2000) 73
Ma, S.Y., Theoretical studies on the structural change in the *N*-protonated *meso*-tetrakis(*p*-sulfonatophenyl)porphyrin 332 (2000) 603
Maas, W.E., see Leu, G. 332 (2000) 344
Maeda, K., see Araki, Y. 332 (2000) 515
Manabe, A., see Kuwajima, S. 332 (2000) 105

Mango, F., see Bernheim, R.A. 332 (2000) 1
Martínez-Núñez, E. and S.A. Vázquez, Three-center vs. four-center HF elimination from vinyl fluoride: a direct dynamics study 332 (2000) 583
Martin, J.-P., M.-Y. Perrin and P.I. Porshnev, CO_2 formation in an optically excited V–V up-pumped CO flow 332 (2000) 283
Masella, M., see Vitorge, P. 332 (2000) 367
Mayer, I., A chemical energy component analysis 332 (2000) 381
McCanny, T., see Tzallas, P. 332 (2000) 236
Meng, J.X., K.F. Li, J. Yuan, L.L. Zhang, W.K. Wong and K.W. Cheah, Near-IR luminescence and photophysics of Yb-porphyrinate complexes 332 (2000) 313
Millefiori, S. and A. Alparone, Second hyperpolarisability of furan homologues C_4H_4X (X = O, S, Se, Te): ab initio HF and DFT study 332 (2000) 175
Miller, J., see Rakov, N. 332 (2000) 13
Miranda, L.C.M., see Lima, C.A.S. 332 (2000) 428
Mitsutake, A. and Y. Okamoto, Replica-exchange simulated tempering method for simulations of frustrated systems 332 (2000) 131
Miura, S., see Shiga, M. 332 (2000) 396
Mohallem, J.R., see Rolim, F. 332 (2000) 139
Moroi, Y., see Yoshida, N. 332 (2000) 265
Mosquera, R.A., see Vila, A. 332 (2000) 474
Murai, H., see Araki, Y. 332 (2000) 515

Nagase, S., see Lu, J. 332 (2000) 219
Nagy, Á. and K.D. Sen, Exact results on the curvature of the electron density at the cusp in certain highly excited states of atoms 332 (2000) 154
Naito, S., see Shimizu, O. 332 (2000) 295
Natarajan, V., see Bhide, M.K. 332 (2000) 98
Nelander, B., A. Engdahl and T. Svensson, The HOOO radical. A matrix isolation study 332 (2000) 403
Nerukh, D. and J.H. Frederick, Multidimensional quantum dynamics with trajectories: a novel numerical implementation of Bohmian mechanics 332 (2000) 145
Neumark, D.M., see Liu, Z. 332 (2000) 65
Nishimura, Y., see Kanada, T. 332 (2000) 442
Nogami, Y., see Terazima, M. 332 (2000) 503
Nugent, K.W., see Prawer, S. 332 (2000) 93

Obraztsova, E.D., see Simakin, A.V. 332 (2000) 231
Ogawa, T., see Ohno, K. 332 (2000) 167
Ohno, K., M. Yamazaki, N. Kishimoto, T. Ogawa and K. Takeshita, Trajectory calculations of two-dimensional Penning ionization electron spectra of N_2 in collision with metastable $He^* 2^3S$ atoms 332 (2000) 167
Ohta, N., see Kanada, T. 332 (2000) 442
Ohtsuka, Y., see Sen, R. 332 (2000) 467
Okamoto, Y., see Mitsutake, A. 332 (2000) 131
Oliva, R., see Lima, C.A.S. 332 (2000) 428
Orr-Ewing, A.J., see Rudić, S. 332 (2000) 487
Orwa, J.O., see Prawer, S. 332 (2000) 93

Packer, K.J., see Graham, R.G. 332 (2000) 319
Panek, J. and Z. Latajka, A theoretical study of NO_2 complexes with aluminium and gallium based on topological analysis of electron density and electron localization function 332 (2000) 617
Payne, D.S., G.J. Wilson and R. Devonshire, Non-thermal nuclear hyperfine populations in the products of a photodissociation reaction 332 (2000) 58
Peled, S., see Leu, G. 332 (2000) 344
Peng, H.Y., see Zhou, X.T. 332 (2000) 215
Peng, J.L., see Prawer, S. 332 (2000) 93
Perrin, M.-Y., see Martin, J.-P. 332 (2000) 283
Petelenz, P., see Andrzejak, M. 332 (2000) 435
Piris, J., see Wegewijs, B.R. 332 (2000) 79
Pis Diez, R. and J.A. Alonso, Theoretical evidence of bound metastable states in the doubly ionized nickel dimer Ni_2^{2+} 332 (2000) 481
Pliego Jr. J.R., and J.M. Riveros, New values for the absolute solvation free energy of univalent ions in aqueous solution 332 (2000) 597
Porshnev, P.I., see Martin, J.-P. 332 (2000) 283
Prawer, S., K.W. Nugent, D.N. Jamieson, J.O. Orwa, L.A. Bursill and J.L. Peng, The Raman spectrum of nanocrystalline diamond 332 (2000) 93

Raghunath, P., see Vivekananda, S. 332 (2000) 251
Rakov, N., C.B. de Araújo, G.B. da Rocha, A.M. Simas, P.A.F. Athayde-Filho and J. Miller, Two-photon absorption in mesoionic compounds pumped at the visible and at the infrared 332 (2000) 13
Ramachandran, B., N. Balakrishnan and A. Dalgarno, Vibrational–rotational distributions of NO formed from $N + O_2$ reactive collisions 332 (2000) 562
Ramanathan, K.V., see Sinha, N. 332 (2000) 125
Ramírez, R., see Böhm, M.C. 332 (2000) 117
Ren, Y., K.-i. Iimura and T. Kato, Monodispersed two-dimensional nanoclusters of $CF_3(CF_2)_3(CH_2)_{22}COOH$ on the aqueous Cd^{2+} subphase investigated by polarization modulation infrared spectroscopy 332 (2000) 339
Ricci, A., see de Petris, G. 332 (2000) 290
Riveros, J.M., see J.R. Pliego Jr., 332 (2000) 597
Rogers, K.M., P.W. Fowler and G. Seifert, Chemical versus steric frustration in boron nitride heterofullerene polyhedra 332 (2000) 43
Rolim, F., J.P. Braga and J.R. Mohallem, Unified description of chemical bonding in H_2 isotopomers, including Ps_2, μ_2 and bi-excitons 332 (2000) 139
Royen, P., see Derkatch, A. 332 (2000) 278
Rudić, S., D. Ascenzi and A.J. Orr-Ewing, Rotational distribution of the HCl products from the reaction of $Cl(^2P)$ atoms with methanol 332 (2000) 487

Saga, N., Y. Kimura, N. Hirota and M. Terazima, Photo-thermalization processes of charge transfer complexes in liquids studied by the transient grating method 332 (2000) 496
Saito, T., see Fuji, T. 332 (2000) 324
Sastry, M.D., see Bhide, M.K. 332 (2000) 98
Schall, M., see Walther, M. 332 (2000) 389
Schinke, R. and M. Bittererová, On the $S_1 \rightarrow S_0$ internal conversion in the photodissociation of HNCO: the role of the NC stretch as a promoting mode 332 (2000) 611

Schromm, S., see Waldmann, O. 332 (2000) 73
Schulte, J., see Böhm, M.C. 332 (2000) 117
Scuseria, G.E., see Bettinger, H.F. 332 (2000) 35
Seifert, G., see Rogers, K.M. 332 (2000) 43
Sen, K.D., see Nagy, Á. 332 (2000) 154
Sen, P.N., see Leu, G. 332 (2000) 344
Sen, R., Y. Ohtsuka, T. Ishigaki, D. Kasuya, S. Suzuki, H. Kataura and Y. Achiba, Time period for the growth of single-wall carbon nanotubes in the laser ablation process: evidence from gas dynamic studies and time resolved imaging 332 (2000) 467
Shafeev, G.A., see Simakin, A.V. 332 (2000) 231
Shaik, S., see Filatov, M. 332 (2000) 409
Shang, N.G., see Zhou, X.T. 332 (2000) 215
Shen, X., see Fang, L. 332 (2000) 299
Sheng, L.-S., see He, T.-J. 332 (2000) 545
Shiau, C.-W., see Churikov, V.M. 332 (2000) 19
Shiga, M., M. Tachikawa and S. Miura, Ab initio molecular orbital calculation considering the quantum mechanical effect of nuclei by path integral molecular dynamics 332 (2000) 396
Shimizu, O., J. Watanabe and S. Naito, Transient near-IR absorption spectrum in laser flash photolyzed aqueous solutions of tris(2,2′-bipyridyl) ruthenium(II) 332 (2000) 295
Shoute, L.C.T., K.J. Falk and R.P. Steer, Spectroscopy and photophysics of 5-nitrotropolone in condensed media 332 (2000) 359
Simakin, A.V., E.D. Obraztsova and G.A. Shafeev, Laser-induced carbon deposition from supercritical benzene 332 (2000) 231
Simas, A.M., see Rakov, N. 332 (2000) 13
Singer, S., see Leu, G. 332 (2000) 344
Singhal, R.P., see Tzallas, P. 332 (2000) 236
Sinha, A.K., D.W. Hwang and L.-P. Hwang, A novel approach to bulk synthesis of carbon nanotubes filled with metal by a catalytic chemical vapor deposition method 332 (2000) 455
Sinha, N. and K.V. Ramanathan, Use of polarization inversion for resolution of small dipolar couplings in SLF-2D NMR experiments – an application to liquid crystals 332 (2000) 125
Srinivas, R., see Vivekananda, S. 332 (2000) 251
Steer, R.P., see Shoute, L.C.T. 332 (2000) 359
Stickland, R.J., see Bentley, J. 332 (2000) 85
Stręk, W., see Dereń, P.J. 332 (2000) 308
Strekalov, M.L., Evaluation of the contribution of elastic dephasing processes in linewidths 332 (2000) 525
Sultan, R. and R. Halabieh, Effect of an electric field on propagating $Co(OH)_2$ Liesegang patterns 332 (2000) 331
Suzuki, S., see Sen, R. 332 (2000) 467
Svensson, T., see Nelander, B. 332 (2000) 403

Tachibana, M., K. Kojima, R. Ikuyama, Y. Kobayashi and M. Ataka, Sound velocity and dynamic elastic constants of lysozyme single crystals 332 (2000) 259
Tachikawa, M., see Shiga, M. 332 (2000) 396
Taday, P.F., see Tzallas, P. 332 (2000) 236
Takahashi, K., see Kokai, F. 332 (2000) 449
Takechi, M., see Yoshida, N. 332 (2000) 265

Takeshita, K., see Ohno, K. 332 (2000) 167
Tang, X.-W., see Leu, G. 332 (2000) 344
Terazima, M., see Saga, N. 332 (2000) 496
Terazima, M., Y. Nogami and T. Tominaga, Diffusion of a radical from an initiator of a free radical polymerization: a radical from AIBN 332 (2000) 503
Terlouw, J.K., see Vivekananda, S. 332 (2000) 251
Thompson, L.K., see Waldmann, O. 332 (2000) 73
Tominaga, T., see Terazima, M. 332 (2000) 503
Tominaga, Y., see Amo, Y. 332 (2000) 521
Trikoupis, M.A., see Vivekananda, S. 332 (2000) 251
Tzallas, P., C. Kosmidis, P. Graham, K.W.D. Ledingham, T. McCanny, S.M. Hankin, R.P. Singhal, P.F. Taday and A.J. Langley, Coulomb explosion in aromatic molecules and their deuterated derivatives 332 (2000) 236

van Faassen, E.E., see Kerp, H.R. 332 (2000) 5
Vázquez, S.A., see Martínez-Núñez, E. 332 (2000) 583
Vila, A. and R.A. Mosquera, A comparative AIM study of alkyl monoethers and their protonated forms 332 (2000) 474
Vitorge, P. and M. Masella, A theoretical study of $[Be,(H_2O)_n]^{2+}$, $[BeOH,(H_2O)_{n-1}]^{+}$ and $[Be(OH)_2,(H_2O)_{n-2}]$ aggregates (n=1–6). Incidence of the first hydration shells on the hydrolysis reactions of Be^{2+} and $BeOH^{+}$ systems 332 (2000) 367
Vivekananda, S., P. Raghunath, K. Bhanuprakash, R. Srinivas, M.A. Trikoupis and J.K. Terlouw, Characterization of iminothiosulfine-type ions $[HNCS_2]^{\cdot+/\cdot-}$ and their neutral counterparts by mass spectrometry and computational chemistry 332 (2000) 251

Wöll, Ch., K. Weiss and P.S. Bagus, Saturated hydrocarbons on a Cu surface: a new type of chemical interaction? 332 (2000) 553
Waldmann, O., R. Koch, S. Schromm, P. Müller, L. Zhao and L.K. Thompson, Magnetic anisotropy of a supramolecular Cu(II) [3 × 3] grid 332 (2000) 73
Walther, M., B. Fischer, M. Schall, H. Helm and P.U. Jepsen, Far-infrared vibrational spectra of all-*trans*, 9-*cis* and 13-*cis* retinal measured by THz time-domain spectroscopy 332 (2000) 389
Wang, N., see Zhou, X.T. 332 (2000) 215
Wang, X.-G., see Lin, H. 332 (2000) 569
Warman, J.M., see Wegewijs, B.R. 332 (2000) 79
Watanabe, J., see Shimizu, O. 332 (2000) 295
Watanabe, Y., see Zhang, J.-P. 332 (2000) 351
Wegewijs, B.R., G. Dicker, J. Piris, A.A. García, M.P. de Haas and J.M. Warman, Photoelectron emission from conjugated polymer films: a potential source of artifacts in photoconductivity studies 332 (2000) 79
Weiner, B.R., see Han, J. 332 (2000) 243
Weiser, P.S., see Wild, D.A. 332 (2000) 531
Weiss, K., see Wöll, Ch. 332 (2000) 553
Whittaker, T.A., see Goedert, R.V. 332 (2000) 225
Wild, D.A., Z.M. Loh, P.P. Wolynec, P.S. Weiser and E.J. Bieske, The Cl^{-}–CH_4 anion dimer: mid infrared spectrum and ab initio calculations 332 (2000) 531
Wilson, G.J., see Payne, D.S. 332 (2000) 58
Wolynec, P.P., see Wild, D.A. 332 (2000) 531

Wong, W.K., see Meng, J.X. 332 (2000) 313
Wright, T.G., see Fleming, P.E. 332 (2000) 199

Xu, G., see Jin, Z. 332 (2000) 461
Xu, J.H., see Bernheim, R.A. 332 (2000) 1

Yamazaki, I., see Kanada, T. 332 (2000) 442
Yamazaki, M., see Ohno, K. 332 (2000) 167
Ye, J., see Zou, Z. 332 (2000) 271
Yoshida, N., M. Takechi, T. Asano, Y. Moroi, R. Humphry-Baker and M. Grätzel, Thermodynamics and kinetics of solubilization of naphthalene into anionic micelles 332 (2000) 265
Yu, H.-G., Quantum dynamics of the reaction of hydrogen atom with methane 332 (2000) 538
Yuan, J., see Meng, J.X. 332 (2000) 313
Yuan, L.-F., see Lin, H. 332 (2000) 569
Yudasaka, M., see Kokai, F. 332 (2000) 449

Zaera, F. and C.S. Gopinath, Evidence for an N_2O intermediate in the catalytic reduction of NO to N_2 on rhodium surfaces 332 (2000) 209
Zhang, J.-P., T. Inaba, Y. Watanabe and Y. Koyama, Excited-state dynamics among the $1B_u^+$, $1B_u^-$ and $2A_g^-$ states of all-*trans*-neurosporene as revealed by near-infrared time-resolved absorption spectroscopy 332 (2000) 351
Zhang, L.L., see Meng, J.X. 332 (2000) 313
Zhang, R.Q., see Zhou, X.T. 332 (2000) 215
Zhang, X., see Lu, J. 332 (2000) 51
Zhang, X., see Lu, J. 332 (2000) 219
Zhao, L., see Waldmann, O. 332 (2000) 73
Zhao, X., see Lu, J. 332 (2000) 51
Zhao, X., see Lu, J. 332 (2000) 219
Zhou, X.T., R.Q. Zhang, H.Y. Peng, N.G. Shang, N. Wang, I. Bello, C.S. Lee and S.T. Lee, Highly efficient and stable photoluminescence from silicon nanowires coated with SiC 332 (2000) 215
Zou, Z., J. Ye and H. Arakawa, Structural properties of $InNbO_4$ and $InTaO_4$: correlation with photocatalytic and photophysical properties 332 (2000) 271
Zych, E., see Dereń, P.J. 332 (2000) 308